



Air-conditioning equipment

- 8.1.1 Components for air-conditioning equipment**
 - 8.1.1.1 Air pipelines
 - 8.1.1.2 Pneumatic haulage equipment
 - 8.1.1.3 Air distribution equipment
- 8.1.2 Fans and accessories**
 - 8.1.2.1 Axial fans
 - 8.1.2.2 Radial fans
 - 8.1.2.99 Fans – other
- 8.1.3 Air and gas dedusting equipment**
 - 8.1.3.1 Centrifugal dust separators
 - 8.1.3.2 Accessories for air and gas dedusting equipment
 - 8.1.3.3 Air cleaners
- 8.1.4 Solid particle separators**
 - 8.1.4.1 Electrostatic separators
- 8.1.5 Solid particle filters**
 - 8.1.5.1 Filtration textiles
 - 8.1.5.2 Cloth filters
- 8.1.6 Exhaust and flue gas cleaning equipment**
- 8.1.7 Heat exchangers for air-conditioning**
 - 8.1.7.1 Heat recycling exchangers
- 8.1.8 Air-conditioning equipment for clean rooms**
 - 8.1.8.1 Ventilation equipment
 - 8.1.8.2 Air heating
 - 8.1.8.3 Exhausters
 - 8.1.8.4 Industrial air cleaning systems for machine-tools, forming machines and production rooms
- Equipment for separation of polluted gaseous substances from air and combustion products**
- 8.1.9.1 Absorptive equipment for the purification of pollutant-loaded air
- 8.1.9.2 Adsorptive equipment for the purification of pollutant-loaded air
 - 8.1.9.2.1 Adsorptive agents for pollutant-loaded air cleaning
 - 8.1.9.2.2 Active coal for pollutant-loaded air cleaning
- 8.1.9.3 Biological equipment for the removal of waste substances from pollutant-loaded air
- 8.1.9.4 Catalytic incineration equipment for pollutant-loaded air purity
- 8.1.9.5 Thermal equipment for pollutant-loaded air purity
- 8.1.9.6 Condensation equipment for pollutant-loaded air purity
- 8.1.9.7 Dust recycling equipment for working rooms
- 8.1.9.8 Oil and emulsion fog exhausting equipment
- 8.1.9.99 Equipment for separation of polluted gaseous substances from air and combustion products – other
- 8.1.10 Equipment for desulphurization and denitrification of combustion products**
 - 8.1.10.1 Burners reducing NO_x emissions
- 8.1.11 Combustion product treatment plants for communal and industrial waste incinerators**
- 8.1.12 Chimneys and accessories thereof**
- 8.1.13 Breathing apparatuses and respirators**
- 8.1.14 Air-conditioning equipment**
 - 8.1.14.1 Air-conditioning units
 - 8.1.14.2 Equipment for creating certain climatic conditions
 - 8.1.14.3 Air moisteners and demoisteners
- 8.1.15 Gas media driers**

- 8.1.16 Solenoid and pneumatic controlled valves for flow control**
- 8.1.17 Aerating equipment**
- 8.1.45 Consultancy in air purity protection**
- 8.1.46 Air purity planning**
- 8.1.47 Reconstruction and upgrading of equipment for air treatment**
- 8.1.48 Maintenance and repairs of pollutant-loaded air cleaning equipment**

8.1.99 Air-conditioning equipment – other

Pumping stations

- 8.2.1 Water-supply pumping stations**
- 8.2.2 Sewerage pumping stations**
- 8.2.3 Circulation pumping stations for long-distance transport of thermal energy**
- 8.2.4 Pumping stations for classical and nuclear power engineering**

Technologies for the treatment of drinking, service and technological water

- 8.3.1 Design of water treatment plants**
- 8.3.2 Water treatment plant sedimentation and filtration units**
- 8.3.3 Aeration equipment for water treatment plants**
- 8.3.4 Flocculation equipment for water treatment plants**
- 8.3.5 Filters for the removal of mechanical impurities during water treatment**
- 8.3.6 Screens and sieves for water treatment plants**
- 8.3.7 Centrifugal impurity separators**

Chemical and physical water treatment

- 8.3.8.1 Dosing equipment for water treatment plants**
- 8.3.8.2 Equipment for the elimination of iron and manganese during water treatment
- 8.3.8.3 Water softening and demineralization equipment
- 8.3.8.4 Water desalting equipment
- 8.3.8.5 Water decarbonization equipment
- 8.3.8.6 Water dechlorination equipment
- 8.3.8.7 Filters for the elimination of unpleasant water odours and flavours
- 8.3.8.8 Equipment for the elimination of radon from water
- 8.3.8.9 Equipment for membrane separation processes
 - 8.3.8.9.1 Microfiltration
 - 8.3.8.9.2 Ultrafiltration
 - 8.3.8.9.3 Reverse osmosis
- 8.3.8.10 Ionex systems for water treatment plants
- 8.3.8.11 Equipment for water disinfection in treatment plants
- 8.3.8.12 Magnetic water treatment
- 8.3.8.13 Degasifying equipment
- 8.3.8.99 Chemical and physical water treatment – other

8.3.9 Treatment of household water

- 8.3.9.1 Household water treatment filters

8.3.10 Auxiliary equipment and accessories for water treatment plants

- 8.3.11 Turn-key water treatment plants**
- 8.3.12 Production of clean and ultra-clean water**
- 8.3.99 Technology for the treatment of drinking, service and technological waters – other**

- 8.4 Water reservoirs, tanks**
- 8.4.1 Cleaning of water reservoirs and tanks**

Technology for sewage water treatment plants

- 8.5.1 Design of sewage water treatment plants**
- 8.5.2 Equipment for mechanical clarification of sewage water**
 - 8.5.2.6 Filters, filtration equipment for sewage water treatment plants
 - 8.5.2.99 Equipment for mechanical clarification of sewage water – other
- Equipment for biological purification of waste waters**



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| 8.5.3.1 | Aerobic equipment for the purification of sewage waters (aeration, biodisc) | 8.10.2.9.1 | Plating shop water treatment plants |
| 8.5.3.2 | Nitrification and denitrification equipment | 8.10.2.10 | Closed-circuit water management of industrial plants |
| 8.5.3.3 | Equipment for removing phosphorus from sewage waters | 8.10.2.10.1 | Recirculation sewage treatment plants for garages and car wash facilities |
| 8.5.3.4 | Biologically active filters | | |
| 8.5.3.5 | Biodegradation of crude oil substances and their derivatives in sewage waters | 8.10.2.11 | Chemical and physical sewage treatment plants for industry and trade |
| 8.5.3.6 | Anaerobic plants for the purification of sewage waters | 8.10.2.12 | Sewage treatment plants for effluents from the process industry |
| 8.5.3.99 | Equipment for biological purification of sewage waters – other | | |
| | Chemical and physical purification of sewage waters | 8.10.3 | Complete deliveries of sewage treatment plants |
| 8.5.4.1 | Flotation and flocculation units | 8.11 | Sewerage networks and sewers |
| 8.5.4.2 | Absorption and adsorption equipment for the purification of sewage waters | 8.12 | Water reservoirs for water accumulation |
| 8.5.4.3 | Separators of crude oil substances | 8.13 | Advisory service for water purity protection |
| 8.5.4.3.1 | Separators of oils, emulsions, diluents | 8.13.1 | Advisory service for water treatment |
| | | 8.13.2 | Advisory service for sewage water treatment |
| 8.5.4.4 | Microfiltration and ultra-filtration units for sewage water treatment plants | 8.14 | Reconstruction and upgrading of unsuitable sewage water treatment plants |
| 8.5.4.5 | Units for electrical dialysis | 8.15 | Service and repair of water treatment and sewage plants equipment |
| 8.5.4.6 | Reverse osmosis units for the purification of sewage waters | 8.16 | Technology for the reduction of technological water consumption |
| 8.5.4.7 | Plants with ion exchangers for the purification of sewage waters | | |
| 8.5.4.8 | Equipment for disinfection and oxidation of sewage waters | | |
| 8.5.4.8.1 | Ozonization plants | | |
| 8.5.4.9 | Thermal equipment for the purification of sewage waters | | |
| 8.5.4.99 | Chemical and physical sewage water purification – other | | |
| | Equipment for sewage sludge processing | | |
| 8.5.5.1 | Bioreactors | | |
| 8.5.5.2 | Digestion tanks | | |
| 8.5.5.3 | Gas holders for sludge gas | | |
| 8.5.5.4 | Equipment for sludge thickening and dewatering | | |
| 8.5.5.5 | Biogas engines | | |
| 8.5.5.6 | Equipment for the production of sewage sludge granulation products | | |
| 8.5.5.7 | Sludge management | | |
| 8.5.5.8 | Transportation and storage of sludge | | |
| 8.5.5.99 | Equipment for the processing of sewage – other | | |
| 8.6 | Pumps, blowers, agitators for water management | | |
| 8.7 | Power plants for water management | | |
| 8.8 | Construction components for water management | | |
| 8.9 | Chemical products for water treatment and purification | | |
| 8.9.1 | Active coal for water treatment and sewage plants | 8.20.1.1 | Waste bins |
| 8.9.2 | Flocculation and coagulation agents | 8.20.1.2 | Containers for the collection of communal waste |
| 8.9.3 | Ferric chloride | 8.20.1.3 | Containers for the collection of industrial waste |
| 8.9.4 | Ionexes | 8.20.1.4 | Containers and barrels for the collection of hazardous waste |
| 8.9.5 | Incrustation inhibitors | 8.20.1.5 | Silos and industrial tanks for waste |
| 8.9.6 | Metalsorbs for the removal of heavy metals | 8.20.1.6 | Hospital waste bins |
| 8.9.7 | Oil-absorbing agents for the removal of crude oil substances and PCBs | 8.20.1.7 | Mobile and ecological toilets |
| | | 8.20.1.8 | Equipment for waste compaction and compression |
| | | 8.20.1.9 | Waste loading and handling equipment |
| | | 8.20.1.9.1 | Hydraulic arms for waste transportation |
| | | 8.20.1.10 | Transport equipment for waste transportation |
| | | 8.20.1.11 | Complete programme for storing and handling of hazardous materials |
| | | 8.20.1.99 | Equipment for the collection and transportation of waste – other |
| | | | Collection and transportation of waste |
| | | | Machines and equipment for waste treatment |
| | | 8.20.2.1 | High-pressure water cutting and demolition systems |
| | | 8.20.2.2 | Hydraulic shears |
| | | 8.20.2.3 | Cutting mills |
| | | 8.20.2.4 | Waste crushers |
| | | 8.20.2.5 | Bulk transport conveyers and waste feeders |
| | | 8.20.2.6 | Waste-storage bins |
| | | 8.20.2.7 | Waste sorting plants |
| | | 8.20.2.7.1 | Communal waste sorting plants |
| | | 8.20.2.7.2 | Industrial waste sorting plants |
| | | 8.20.2.7.3 | Construction waste sorting plants |
| | | 8.20.2.7.4 | Road building waste sorting plants |
| | | 8.20.2.8 | Waste presses |
| | | 8.20.2.8.1 | Waste baling presses |
| | | 8.20.2.99 | Machines and equipment for waste treatment – other |
| | | | Recovery of raw materials from waste, recycling |
| | | 8.20.3.1 | Recycling of metal-containing waste |
| | | 8.20.3.1.1 | Recycling of ferrous metal waste |
| | | 8.20.3.1.2 | Recycling of non-ferrous metal waste |
| | | 8.20.3.1.3 | Recycling of mercury-containing waste |
| Sewage water treatment plants | | | |
| 8.10.1 | Communal sewage treatment plants | | |
| | Industrial sewage water treatment plants | | |
| 8.10.2.1 | Sewage treatment plants for the food industry | | |
| 8.10.2.2 | Sewage treatment plants for the grease industry | | |
| 8.10.2.3 | Sewage treatment plants for the textile industry | | |
| 8.10.2.4 | Sewage treatment plants for the paper industry | | |
| 8.10.2.5 | Sewage treatment plants for the chemical industry | | |
| 8.10.2.6 | Sewage treatment plants for the petrochemical industry | | |
| 8.10.2.7 | Sewage treatment plants for the pharmaceutical industry | | |
| 8.10.2.8 | Sewage treatment plants for agriculture | | |
| 8.10.2.9 | Sewage treatment plants for the engineering industry | | |



8.20.3.1.4 Recycling of waste containing precious metals

8.20.3.2 Recycling of electrotechnical scrap

8.20.3.2.1 Recycling of catalysts

8.20.3.3 Recycling of used cars

8.20.3.4 Recycling of used cooling equipment and refrigerators

8.20.3.5 Recycling of plastic waste

8.20.3.6 Recycling of textile waste

8.20.3.7 Recycling of used tyres, rubber

8.20.3.8 Recycling of used glass

8.20.3.9 Recycling of used paper

8.20.3.10 Recycling of building debris

8.20.3.11 Processing of waste from the food industry into animal feed

8.20.3.12 Recycling of pollutant loaded air and gases

8.20.3.13 Recycling of liquid waste

8.20.3.13.1 Purification and regeneration of mineral oils

8.20.4 Composting lines

8.20.5 Fermentation plants

8.20.5.1 Fermentation troughs for the processing of sewage treatment plant sludge

Thermal processing of waste

8.20.6.1 Communal waste incinerators

8.20.6.2 Industrial waste incinerators

8.20.6.2.1 Muffle kilns for burning liquid waste

8.20.6.3 Hospital waste incinerators

8.20.6.4 Equipment for pyrolysis

Waste storage

8.20.7.1 Engineering and geological investigation

8.20.7.2 Design of dumping sites

8.20.7.3 Geotextiles

8.20.7.4 Insulation and sealing films and materials for dumping sites

8.20.7.5 Tubes for degasification and drainage of dumping sites

8.20.7.6 Biogas stations

8.20.7.6.1 Gas holders for storage of biogas

8.20.7.7 Weighing equipment for dumping sites

8.20.7.8 Monitoring systems for dumping sites

8.20.7.9 Trenchless drainage of existing dumping sites

8.20.7.10 Operation of dumping sites

8.20.8 Elimination of waste by solidification

8.20.9 Elimination of waste by biodegradation

8.20.10 Hazardous waste elimination technology

8.20.10.1 Elimination of PCB-containing waste

8.20.10.2 Elimination of heavy metal containing waste

8.20.10.3 Elimination of crude oil substance containing waste

8.20.10.4 Elimination of cyanide-containing waste

8.20.11 Advisory service for waste disposal

8.20.11.1 Advisory service for hazardous waste disposal

8.20.12 Elaboration of waste management studies

8.20.13 Transportation of hazardous waste and substances

8.20.14 Comprehensive solutions in waste disposal

8.20.14.1 Comprehensive solutions in industrial waste disposal

8.20.15 Complex waste management by own staff to order

8.20.16 Reduction of waste production

8.20.99 Waste processing and utilization – other

8.21 Soil and landscape protection

Environment-friendly technologies for and industry

8.22.1 Alternative power sources

8.22.2 Energy-saving devices and technologies

8.22.3 Packaging engineering and materials harmless for the environment

8.22.4 Environment-sound chemicals

8.22.5 Waste free technologies

8.22.99 Environment-friendly technologies for industry other

Removal of old environmental burden and consequences of ecological disasters

8.25.1 Equipment for the detection of contaminants in soil and soil air

8.25.2 Equipment for the detection of contaminants in water

8.25.3 Hydrogeological research for the detection of bedrock contamination

8.25.4 Elimination of contaminants from geological environment

8.25.5 Cleaning of soils

8.25.5.1 Cleaning of soils contaminated with crude oil substances

8.25.5.2 Thermal processing of soils

8.25.6 Maintenance and recultivation of old landfills

8.25.6.1 Recultivation of spoilbanks after surface mining

8.25.7 Removal of contaminants from ground and underground waters

8.25.8 Maintenance of chemical plants

8.25.9 Maintenance of contaminated industrial zones

8.25.10 Elimination of waste generated in the process of reclamation

8.25.11 Elimination of organic contamination

8.25.12 Equipment for signalling ecological disasters

8.25.13 Equipment preventing emergency leakage of contaminants

8.25.14 Protective clothes and aids for work with hazardous and toxic substances

8.25.15 Advisory service for old environmental burden and ecological incidents

8.25.16 Decontamination projects

8.25.99 Removal of old environmental burden and consequences of ecological incidents - other

Noise reduction

8.30.1 Soundproof insulation materials

8.30.2 Sound protection absorption walls and panels

8.30.3 Sound protection booths, sheaths, walls, barriers

8.30.4 Sound mufflers

8.30.5 Impact and vibration suppressors

8.30.5.1 Vibration isolators

8.30.6 Soundproof windows

8.30.7 Design of sound protection measures

8.30.99 Noise reduction – other

Instrumentation for environment control

8.33.1 Control and regulating systems for environmental technology

8.33.2 Instrumentation for air and flue gas analysis

8.33.3 Equipment for ionizing radiation measurements

8.33.4 Instrumentation for noise and vibration measurements

8.33.5 Instrumentation for soil analysis

8.33.6 Monitoring in the environmental sector

8.33.7 Accredited test laboratories

8.33.8 Production of measuring devices for the environmental sector to order

8.33.9 Complex equipment of laboratories

8.33.10 Hardware and software for environmental protection

8.33.11 Communication engineering for data transmission

8.33.99 Instrumentation for environment control other

Machines for industrial cleaning and washing

8.40.1 *Cleaning machines*

- 8.40.1.1 Machines for chemical cleaning shops
- 8.40.1.1.1 Feather cleaning equipment

- 8.40.1.2 Machines for laundries and ironing shops

8.40.2 *Baling presses for waste separation and handling*

8.40.3 *Industrial cleaning machines*

- 8.40.3.1 High-pressure cleaning equipment
- 8.40.3.2 Ultrasonic washing equipment
- 8.40.3.3 Industrial washing tables

- 8.40.3.4 Industrial vacuum cleaners

- 8.40.3.4.1 Vacuum cleaners for dry and moist impurities
- 8.40.3.4.2 Vacuum cleaners for toxic, carcinogenic and flammable dusts

8.40.4 *Sweeping and floor washing machines*

- 8.40.4.1 Self-running sweeping brushes
- 8.40.4.2 Chemical and technical preparations for washing machines
- 8.40.4.3 Floor washing machines

8.40.5 *Machines for the cleaning of roads and airports*

8.40.99 *Machines for industrial cleaning and washing – other*

Literature, services, research, environmental organizations

8.50.1 *Literature and periodicals on the environment*

Environmental services

- 8.50.2.1 Elaboration of environmental audits
- 8.50.2.2 Energy audit elaboration
- 8.50.2.3 Risk analysis
- 8.50.2.4 Investigation of environmental burden
- 8.50.2.5 Dispersion studies
- 8.50.2.6 Assessment of project impact on the environment
- 8.50.2.7 Expert opinions for the State Environmental Fund
- 8.50.2.8 Projects of ecological business management systems
- 8.50.2.9 Consultancy in the introduction of ISO 14000 Standards

- 8.50.2.10 Advisory service for environmental legislation

- 8.50.2.10.1 Integrated prevention and restriction of pollution (IPPC)

- 8.50.2.11 Legal representation
- 8.50.2.12 Patents, licences, know-how in environmental protection
- 8.50.2.13 Product certification complying with environmental protection
- 8.50.2.14 Assessment of environmental damages
- 8.50.2.15 Financing of environmental projects
- 8.50.2.16 Information service
- 8.50.2.17 Environment marketing studies
- 8.50.2.18 Integrated Pollution Prevention and Control (IPPC)
- 8.50.2.19 Consultancy and trading in CO₂ emissions

8.50.3 *Environment monitoring*

8.50.4 *Accredited testing laboratories for the environment*

- 8.50.4.1 Accredited soil and waste analyses
- 8.50.4.2 Accredited water analyses
- 8.50.4.3 Accredited analyses of emissions and air pollution

8.50.5 *Environment research*

8.50.6 *Environmental organisations*

- 8.50.6.1 State administration authorities for the environment
- 8.50.6.2 Non-governmental environmental organisations

- 8.50.99 Literature, services, research, environmental organisations – other